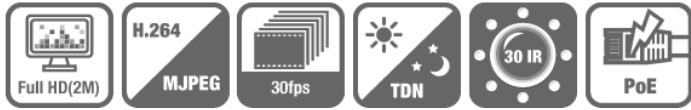


# 2M Dome

FW1176-FF (1series)



## Key Features

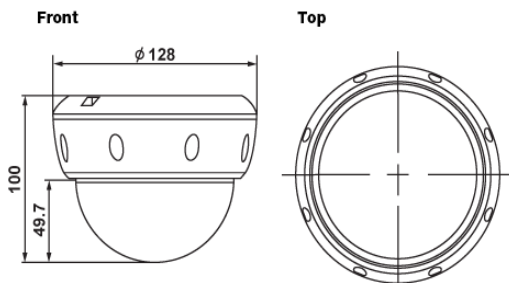
- 1/2.9" 2.43M PS CMOS Sensor
- 3.8mm(F2.0) Fixed Lens / 3.6mm(F1.8) Fixed Lens(with IR)
- Min. Illumination: 0.0016 Lux
- Max. 30fps@2M(1920x1080)
- Dual Stream(H.264, MJPEG)
- Onboard storage by Micro SD (Optional)
- Built-in PoE (Optional)
- 30 IR LED (Optional)

Supports both ONVIF(ProfileS) and PSIA(v1.0) standards.

<b>Video Encoding</b>	H.264/MJPEG (simultaneous dual stream) H.264/H.264 (true H.264 dual streaming) Simultaneous streaming with independent control
<b>Video signal</b>	N/A
<b>Resolution</b>	1920x1080, 1280x720, 640x352, 320x176, 160x96
<b>Live Casting</b>	Streaming video channels Up to max 30fps @ 2M when simplex
<b>Audio Encoding</b>	N/A
<b>Audio channels</b>	N/A
<b>PTZ support</b>	N/A
<b>Serial Interface</b>	Console, By-pass command to control UART device Serial Input/Output mode ( 3.3V TTL )
<b>Bandwidth Management</b>	Frame rate control / Bandwidth control / CBR / VBR [ Trigger Condition ] Video loss / Video recovered / Motion detection (144 area) / Boot finished / Schedule
<b>Alarm Management</b>	[ Alarm Service ] Image holding service (Max 5.6MByte pre-post alarm buffer), Image upload service through E-mail / FTP (support pre & post), Notification service through TCP / UDP / HTTP
<b>Security</b>	Channel based user password protection for live-cast, PTZ, alarm output and audio
<b>Dynamic IP</b>	Dynamic IP service using www.ipcctvdns.com
<b>Smart Solution</b>	Smart Phone Application (IOS, Android)
<b>Web interface</b>	Live-cast, PTZ control, search through Web browser Minimum PC requirement - Windows XP Pro (IE 6.x or later) , Pentium4 (2Ghz, 2G RAM), Video Card(256MB RAM, 1024x768)
<b>Management Software</b>	Supports 16, 32, 64, 128ch Management Software Full-featured PC NVR with matrix functionality
<b>System Integration</b>	[ Protocol ] HTTP, RTP/RTSP(Unicast/Multicast), TCP/IP(V4/V6), UDP, FTP, Telnet, HTTPS, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPNP and etc [ SDK ] Open HTTP API / ActiveX for live cast with audio & PTZ [ Service ] Image upload / notification / POS integration

<b>Installation &amp; maintenance</b>	Configuration by installation wizard, HTTP, telnet and console. Upgrade firmware through HTTP, telnet & FTP
<b>Misc.</b>	Transmit serial input data with video Quick Time & VLC media player compatible
<b>System hardware</b>	32bit Embedded CPU / Embedded Linux / 128MByte SDRAM / 128MByte NAND Flash
<b>Power</b>	Power Supply - SMPS 12V/1A [AC100~240V, 50/60Hz] Max. Power Consumption - DC12V, 4.8W
<b>Approvals</b>	KC, FCC, CE, RoHS
<b>Dimension / Weight</b>	99.4ø x 128(L) x 100(H) (in mm) About 500g without Power Supply
<b>External Interface</b>	10/100-Base-T Ethernet (auto-sensing) 1 DI/DO(3.3V TTL) 1 UART port(3.3V TTL) Factory Default Button
<b>Working Environment</b>	Temperature: 0~50 ℃, Humidity: 20~80% RH
<b>Image sensor</b>	1/2.9" progressive scan CMOS Total number of pixels: 2000Hx1241V=2.48M Pixel size : 2.5 8 (H) μm × 2.5 8 (V) μm Color filter Bayer arrangement of primary colors: R, G, B Bit number of internal ADC: 10/12 bits Parallel output: 37.125 MHz, 10/12 bits Maximum frame rate in all-pixel scan mode: 60/30 fps
<b>Lens</b>	3.8mm, fixed, F2.0 / 3.6mm, fixed, F1.8 (with IR)
<b>Image Setting</b>	Day & Night (Auto/B&W/Off) Auto White Balance Noise Filter (Off/On) Brightness/Contrast/Sharpness/AGC Gain Control Shutter (Manual/Auto) Vertical/Horizontal Flip Sens Up Level Frequency Control (50/60)
<b>Minimum illumination</b>	0.0016 Lux
<b>Options</b>	Built-in PoE (IEEE 802.3af) 30 IR LED

## Dimensions



## Accessory